

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,142,489 B2
APPLICATION NO. : 10/530585
DATED : November 28, 2006
INVENTOR(S) : Nishiwaki et al.

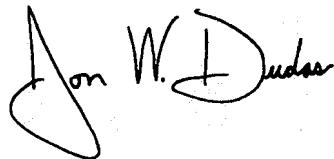
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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 38, line 15(claim 1): "AK(k=1, 2, ..., n)" should read --Ak(k=1, 2, ..., n)--.
Column 38, line 41(claim 2): "detections" should read --detection--.
Column 39, line 34(claim 4); "beans" should read --beams--.

Signed and Sealed this

Fifteenth Day of May, 2007



JON W. DUDAS
Director of the United States Patent and Trademark Office